

STATEMENT

Minimum rates of wages fixed and special allowance payable to the employees engaged in Mica Mines w.e.f. 1. 10. 1991

(In rupees)

<i>Categories of workers</i>	<i>For Work above ground</i>			<i>For work below ground</i>		
	<i>Basic Wages</i>	<i>Special allowance</i>	<i>Total</i>	<i>Basic Wages</i>	<i>Special Allowance</i>	<i>Total</i>
unskilled	15.30	5.00	20.30	18.45	6.27	24.72
semi-skilled/ unskilled supervisors	19.05	6.27	25.32	22.85	7.50	30.35
Skilled	23.75	7.50	31.25	28.15	9.37	37.52

Earthquake in Uttarkashi, U.P.

3432. SHRI YASHWANTRAO PATIL: Will the PRIME MINISTER be pleased to state:

(a) the number of tremors felt after the earthquake in Uttarkashi and Hindukush till date along with the names of places where these tremors were felt and the severity thereof, location-wise; and

(b) the reasons of such tremors in short intervals?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) The number of aftershocks, i. e. tremors after the 20th October, 1991 earthquake in Uttarkashi, recorded by India Meteorological Department's Seismological Observatory at Delhi, till the end of

November, 1991 is 58. Only one aftershock that occurred on the same day as the main earthquake October, 20 1991 was of moderate magnitude. The rest were of slight magnitude. The origin of all the aftershocks was in the same general area and these were felt by the people in Garhwal area around Uttarkashi. A list of aftershocks recorded at Delhi is enclosed in Annexure-'I'.

In Hindukush region, six earthquakes occurred between October 20 and end of November 1991. Three were of moderate magnitude. A list is enclosed in Annexure-'II'.

(b) It is a common phenomenon that a number of aftershocks follow the main earthquake. Although considerable stored energy is released in the main earthquake, the remaining energy is dissipated intermittently in the form of aftershocks.

STATEMENT—I

List of Aftershocks of Garhwal Earthquake from 20.10.1991 to 30.11.1991

Sl. No.	Date	Origin Time (lst)		Location of Epicentre			Magnitude
		HR	MIN	LAT (N)	LONG (E)		
1	2	3	4	5	6	7	
1.	20.10.91	08	38	30.6	78.6	2.4	
2.	20.10.91	08	89	30.6	78.7	4.0	
3.	20.10.91	03	34	30.8	78.7	3.4	
4.	20.10.91	04	11	30.7	78.7	4.7	
5.	20.10.91	04	26	30.7	78.7	4.0	
6.	20.10.91	04	43	not determinable		2.6	
7.	20.10.91	05	10	30.7	78.7	2.4	
8.	20.10.91	05	10	30.7	78.7	3.5	
9.	20.10.91	06	34	30.7	78.6	2.3	
10.	20.10.91	06	43	30.8	78.8	2.4	
11.	20.10.91	06	51	30.7	78.6	2.3	
12.	20.10.91	08	55	30.7	78.8	4.2	

Sl. No.	Date	Origin Time (lst)			Location of Epicentre		Magnitude
		HR	MIN		LAT (N)	LONG (E)	
1	2	3	4		5	6	7
13.	20.10.91	09	04		30.8	78.9	2.9
14.	20.10.91	09	50		30.7	78.6	3.0
15.	20.10.91	10	02		30.7	78.7	3.5
16.	20.10.91	11	02		30.7	78.6	5.2
17.	20.10.91	11	25		30.9	78.8	2.5
18.	20.10.91	11	28		30.9	78.7	2.6
19.	20.10.91	12	18		30.8	78.5	3.1
20.	20.10.91	12	56		30.6	78.6	2.9
21.	20.10.91	13	27		30.7	78.8	3.5
22.	20.10.91	13	45		not determinable		2.7
23.	20.10.91	14	31		30.5	78.6	2.7
24.	20.10.91	15	15		30.8	78.6	2.7
25.	20.10.91	15	48		30.7	78.5	2.7

Sl. No.	Date	Origin Time (lst)			Location of Epicentre		Magnitude
		HR	MIN		LAT (N)	LONG (E)	
1	2	3	4		5	6	7
26.	20.10.91	16	09		30.7	78.5	2.6
27.	20.10.91	16	40		30.7	78.6	2.7
28.	20.10.91	17	28		30.9	78.9	2.9
29.	21.10.91	03	19		30.7	78.7	2.4
30.	21.10.91	09	29		30.8	78.6	2.7
31.	21.10.91	08	54		not determinable		2.7
32.	21.10.91	16	33		30.8	78.8	3.6
33.	21.10.91	19	58		30.8	78.6	2.6
34.	21.10.91	20	06		30.8	78.5	2.6
35.	22.10.91	00	14		30.8	78.6	2.5
36.	22.10.91	12	09		30.8	78.6	2.7
37.	22.10.91	16	46		30.8	78.6	3.4
38.	23.10.91	09	41		not determinable		2.6

Sl. No.	Date	Origin Time (lst)		Location of Epicentre		Magnitude
		HR	MIN	LAT (N)	LONG (E)	
1	2	3	4	5	6	7
39.	24.10.91	06	35	30.8	78.7	2.5
40.	25.10.91	00	51	30.7	78.6	2.5
41.	25.10.91	10	22		not determinable	2.8
42.	25.10.91	20	53	30.8	78.6	2.7
43.	26.10.91	00	39	30.8	78.6	4.1
44.	27.10.91	06	10	30.7	78.8	4.1
45.	27.10.91	18	50	30.7	78.7	4.0
46.	28.10.91	01	00	30.8	78.8	2.7
47.	01.11.91	03	17		not determinable	2.8
48.	05.11.91	01	11	30.8	78.8	2.4
49.	07.11.91	04	00	30.6	78.1	2.4
50.	08.11.91	00	27	30.8	79.1	2.7
51.	08.11.91	06	37		not determinable	2.6

Sl. No.	Date	Origin Time (lst)		Location of Epicentre		Magnitude
		HR	MIN	LAT (N)	LONG (E)	
1	2	3	4	5	6	7
52.	09.11.91	08	11		not determinable	2.8
53.	10.11.91	09	13		not determinable	2.8
54.	11.11.91	23	39		not determinable	3.2
55.	13.11.91	17	34		not determinable	2.8
56.	17.11.91	03	45	30.8	78.8	3.1
57.	25.11.91	20	00	30.5	78.1	2.8
58.	26.11.91	00	30	30.6	78.9	2.8

STATEMENT — II

Sl. No.	Date	Origin Time (lst)		Location of Epicentre		Magnitude
		HR	MIN	LAT (N)	LONG (E)	
1	2	3	4	5	6	7
1.	28.10.91	21	07	36.3	70.9	4.4
2.	30.10.91	21	32	36.5	71.7	5.0
3.	02.11.91	19	26	35.8	72.1	4.4
4.	04.11.91	04	36	35.5	70.0	5.2
5.	11.11.91	05	34	36.6	71.9	5.4
6.	13.11.91	05	23	35.5	70.1	4.6